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## PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Patent Application of : Group Art Unit: Not Yet Assigned  
Tomohiro YAMAMOTO *et al.* :  
: Conf. No.: Not Yet Assigned :  
: International :  
Appln. No.: PCT/JP01/06472 : Examiner: Not Yet Assigned  
: International 26 July 2001 :  
Filing Date: (26.07.01) : Attorney Docket  
: No.: 10059-411US  
For: BIOSENSOR : (P26049-01)

**PRELIMINARY AMENDMENT**

Simultaneously with the filing of the above-identified application with which this Preliminary Amendment is being filed, and prior to the calculation of the filing fee, Applicant hereby amends the application as follows, without prejudice:

**In the Claims:**

Please amend the claims as follows:

Please amend claims 8, 9, and 13 to read as follows. A marked-up copy of the amended claims is attached hereto, having the bracketed additions and stricken deletions.

--8. A biosensor in accordance with claim 6, wherein width of said space is not less than 100  $\mu\text{m}$  and smaller than thickness of said filter.

9. A biosensor in accordance with claim 5, wherein said filter is a porous body having spaces connecting with one another in a three-dimensional manner, and said porous body moves blood from said sample supply unit toward said sample solution supply pathway by capillarity and functions to filter hemocytes based on a difference between flow resistances of plasma and the hemocytes.

13. A biosensor in accordance with claim 11, wherein said reaction reagent

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system includes a surface active agent.--

**REMARKS**

Claims 1 to 14 are pending in the application.

The purpose of this amendment is to place the claims in appropriate U.S. form and delete the multiple dependent claims in this application, and thereby eliminate excessive claim fees. Such amendments are formal in nature and no new matter is added by any of the above amendments. A marked-up copy of the claims section is enclosed to reflect these amendments. Entry of this amendment and early examination of this application are respectfully solicited.

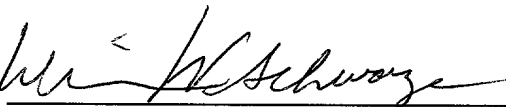
Respectfully submitted,

**Tomohiro YAMAMOTO *et al.***

March 26, 2002

(Date)

By:



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Enclosure

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5. A biosensor in accordance with claim 4,  
wherein said space has a width of 1.0 mm to 3.0 mm.

6. A biosensor in accordance with claim 1,  
wherein said sample solution supply pathway is disposed in  
a direction of gravity from said sample supply unit  
provided on said cover member.

7. A biosensor in accordance with claim 1, wherein said sample supply unit is located above said electrode system.

8. A biosensor in accordance with claim 6 ~~or 7~~, wherein width of said space is not less than 100  $\mu\text{m}$  and smaller than thickness of said filter.

9. A biosensor in accordance with claim 5 ~~or 8~~, wherein said filter is a porous body having spaces connecting with one another in a three-dimensional manner, and said porous body moves blood from said sample supply unit toward said sample solution supply pathway by capillarity and functions to filter hemocytes based on a difference between flow resistances of plasma and the hemocytes.

10. A biosensor in accordance with claim 9, wherein the oxidation-reduction enzyme is cholesterol oxidase.

11. A biosensor in accordance with claim 10,  
wherein said reaction reagent system includes an enzyme  
having an ability of hydrolyzing cholesterol ester.

[illegible]

13. A biosensor in accordance with claim 11 ~~or 12~~,  
wherein said reaction reagent system includes a surface  
active agent.

14. A biosensor in accordance with claim 13,  
wherein part or all of said cover member and said  
insulating base plate are transparent.